

ABSTRACT

A system for imaging eyeglasses having lenses, and obtaining data indicative of the outline of the eyeglasses and designated locations associated with the outline.

- 5 The system includes a positioning device for placing the eyeglasses. The system further includes a short focal length imaging device for acquiring an image of the eyeglasses. The system further includes a processor and a display configured to calculate an editable outline for each eyepiece of the eyeglasses and display the outline and the image, such that the editable outline can be compared to a
- 10 respective eyepiece of the image. The processor is further configured to calculate supplemental locations linked to the outline for manufacturing holes and/or slots that anchor clip-on parts that include bridge and legs, and for providing data indicative of the specified outline and supplemental locations.